The Development of Liberal Arts and Sciences

[illegible] [illegible]

—— [illegible] [1][illegible]

[illegible] Technological Singularity [illegible]

[illegible] [2][illegible]

[illegible]

[illegible]

Leukotomy [illegible] [3][illegible]

In Math We Trust[illegible]Technological Singularity[illegible]AlphaGo Zero [illegible] superhuman [illegible]“[illegible]”[illegible] [illegible] [4][illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [5][illegible]

[illegible] [6][illegible]

[illegible]

[illegible] [7][illegible]

[illegible]

[illegible] [8][illegible]

[illegible]Ibn al-Haytham [illegible]

[illegible]

[illegible]

[illegible] 13 [illegible] 14 [illegible]

[illegible]

[illegible]

[illegible] 15[illegible]16 [illegible]well-controlled [illegible] (Filippo Brunelleschi)[illegible]

[illegible] [9][illegible]

[illegible]

[illegible]

17 [illegible]

[illegible] [10][illegible] [11][illegible]

[illegible] [12][illegible]

[illegible] peer review [illegible]

[illegible]

[illegible]

[illegible] well-controlled [illegible] [13][illegible] [14][illegible]

[illegible] metaphysics [illegible] [15][illegible]

[illegible]

[illegible]

18 [illegible]

[illegible]

[illegible] [16][illegible]

[illegible]

[illegible] epistemology [illegible] critique [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 19 [illegible] 19 [illegible]

[illegible]

[illegible]

[illegible] 1819 [illegible] Ferdinand Karl Schweikart [illegible] 1830 [illegible]

[illegible] [17][illegible]

[illegible] [18][illegible]

[illegible] [19][illegible]

[illegible] [20][illegible]

[illegible] “[illegible]” [illegible]

[illegible]

[illegible]

[illegible]

[illegible] 20 [illegible]

[illegible] 20 [illegible]

[illegible] [21][illegible] [22][illegible]

[illegible]

[illegible]

[illegible]

[illegible] [23] [illegible]

[illegible] leukotomy [illegible] Forrest Gump [illegible] A City upon a Hill [illegible] [24] [illegible]

[illegible]

[illegible] personality [illegible] intelligence [illegible]

[illegible] “[illegible]” [illegible] [25] [illegible]

[illegible] [26] [illegible]

[illegible]

20 [illegible]

[illegible] mainframe [illegible] personal computer [illegible] smartphone [illegible]

[illegible] leukotomy [illegible]

[illegible] (Karl Popper) [illegible]

[illegible]

[illegible]

[illegible] [27] [illegible]

[illegible]

[illegible]

[illegible] Turing Test[illegible]AlphaGo Zero [illegible] datasets[illegible]

[illegible] Turing Machine [illegible]

Universal approximation theorem [illegible]

[illegible]Technological Singularity [illegible]

[illegible]AI: A Modern Approach[illegible] Wind Tunnel approach [illegible]

[illegible]

[illegible]

[illegible] SAE level 5[illegible] SAE level 4 [illegible] SAE level 4 [illegible] SAE level 4 [illegible]

AlphaGo Zero [illegible] Nature [illegible] superhuman [illegible] Superhuman [illegible] generic [illegible] human[illegible] generic [illegible] superhuman [illegible] AlphaGo Zero [illegible]

[illegible]

[illegible]

[illegible]Occam's Razor [illegible]

Occam's Razor [illegible] Occam's Razor [illegible]

[illegible]

[illegible] Occam's Razor [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]The Selfish Gene (or The Immortal Gene) [28][illegible]

[illegible]

[illegible]“[illegible]”[illegible] leukotomy [illegible]

[illegible]

[illegible] Gu Test[illegible]A Progressive Measurement Of Generic Artificial Intelligence [illegible]

[illegible] [29][illegible] guideline [illegible] judgement[illegible]“[illegible]”[illegible] [30][illegible]

[illegible]

[illegible]

[illegible] smartphone [illegible] CPU [illegible] operating system (OS) [illegible]

2018 [illegible] Google/Waymo [illegible] smartphone [illegible]5G [illegible]

[illegible] [31][illegible] smartphone [illegible] smartphone [illegible] infrastructure [illegible]

[illegible] 80[illegible]90 [illegible]PC[illegible] [32][illegible] Internet [illegible] smartphone [illegible] PC[illegible]Internet[illegible] smartphone [illegible]

[illegible]iPhone [illegible] smartphone [illegible] mainframe[illegible]PC [illegible]smartphone [illegible]

[illegible] consolidation[illegible] smartphone [illegible]Consolidation [illegible] smartphone [illegible]

[illegible] smartphone [illegible]

[illegible]

[illegible]

[illegible] greedy [illegible] [33][illegible]

[illegible]

[illegible]Matrix [illegible]

[illegible] motif [illegible] motif [illegible] motif [illegible]

[illegible] [34][illegible]

[illegible] Hawthorne effect [illegible]

[illegible]

[illegible]

BRAIN Intiative [illegible]

[illegible]Leukotomy [illegible] [35][illegible]

[illegible]

[illegible] Technological Singularity [illegible]

[illegible]

[illegible]

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[1] [illegible]

[2] [illegible]

[3] [illegible]

[illegible]

[illegible]

[4] [illegible] Chinese room [illegible]

[illegible] In Math We Trust [illegible]

[illegible] Technological Singularity [illegible]

[5] [illegible]

[illegible]

[6] [illegible] guideline [illegible] judgement[illegible]

[7] [illegible]

“[illegible]”[illegible]

[8] [illegible]John Philoponus[illegible]

[illegible] Ibn al-Haytham [illegible]

[9] [illegible] architect [illegible] architect [illegible] methodology [illegible]

[10] [illegible]

[illegible]

[11] [illegible] personality[illegible]

[illegible]

[illegible] personality [illegible] personality [illegible]

[illegible]physical sciences[illegible]

[12] [illegible] 1630 [illegible]

[illegible] 1632 [illegible]

[13] [illegible]

[illegible] 1687 [illegible]

[14] [illegible] [illegible]

[15] [illegible]Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

[illegible]Je pense, donc je suis[illegible]

[illegible]

[16] [illegible] 20 [illegible] insights[illegible]

[illegible]

[illegible]

[illegible]

[17] [illegible] Ferdinand Karl Schweikart [illegible]

[18] [illegible]

[19] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[20] [illegible]

[21] [illegible] Filippo Marinetti [illegible] Manifesto del Futurismo[illegible]

[illegible] Technological Singularity [illegible] Nature [illegible] AlphaGo Zero [illegible] superhuman [illegible]

[illegible] go rogue[illegible] go rogue [illegible]

[illegible]

[22] [illegible] 1917 [illegible]

[illegible]

[illegible](Паша)[illegible] personality[illegible]

[illegible]

[illegible] 1917 [illegible]

[illegible]1917 [illegible]

[illegible](Лара)[illegible]

[illegible]

[illegible]

[illegible]

[23] [illegible]

[illegible] Technological Singularity [illegible]

[illegible]

[24] [illegible]

[illegible]·[illegible]·[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[25] [illegible]

[illegible]

[illegible]

[illegible] attraction[illegible]passion[illegible]commitment [illegible] commitment [illegible] exclusive[illegible] exclusive[illegible]

[illegible]

[illegible]

[illegible] leukotomy [illegible] BRAIN Initiative [illegible]

[26] [illegible]

[illegible]

[illegible] ARBEIT MACHT FREI[illegible]

[27] [illegible]

[28] The Selfish Gene (or The Immortal Gene) [illegible]: to be "a leader to the Greeks and a despot to the barbarians, to look after the former as after friends and relatives, and to deal with the latter as with beasts or plants"[illegible]

[29] [illegible]

[30] [illegible]

[illegible] go rogue [illegible] vandalist [illegible]1204 [illegible]

[illegible]

[illegible] Socratic method [illegible]

[illegible] AlphaGo Zero [illegible]Nature [illegible] AlphaGo Zero [illegible] superhuman performance [illegible]

[illegible]Jack [illegible]Ralph [illegible]Ralph [illegible] leader[illegible] Piggy [illegible]Ralph [illegible] Simon [illegible]

[illegible]The Development of Liberal Arts and Sciences[illegible]

[31] 5G [illegible]Google/Waymo [illegible] infrastructure[illegible]

Edward Snowden [illegible] CIA [illegible]Snowden [illegible]

Demis Hassabis [illegible] neuroscience [illegible] human specific intelligence[illegible]

[32] [illegible] Intel [illegible] CPU [illegible] CPU [illegible] OS [illegible]

[illegible] CPU [illegible] OS [illegible]1980 [illegible]

[illegible] Intel [illegible] smartphone [illegible] CPU [illegible] Technological Singularity [illegible]

[illegible]CPU [illegible] OS [illegible] smartphone [illegible]CPU [illegible] Intel [illegible] ARM [illegible]ARM [illegible] Intel [illegible] Google [illegible] Android OS [illegible] open source [illegible] CPU [illegible] OS [illegible]

[illegible] Linus Torvalds [illegible] Linux [illegible]Google [illegible] Android [illegible] Microsoft [illegible] Apple [illegible] smartphone [illegible] Google [illegible]

Google □□□□□□□□□□□□ CPU □ OS □□□□□□□ARM □ Google □□□□□□□□□□□□□□□□ CPU □ OS □□□ smartphone □□□□□□□□

□□ smartphone □□□

[33] □□□□□□□□□□□□□□□□□□□□□□□□□

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□□ niche sector □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

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[34] □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□“□□”□□□

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[35] Leukotomy □□□□□□□□□□□□□□□□□□ Moniz □□□□□□□□□□ leukotomy □□□□□□□□□□□□□□□□□□Leukotomy □□□□□□□□□□□□□□□□□□□Leukotomy □□□□□ leukotomy □□□□□□□□□□□□□□□□□□ leukotomy □□□□□□□□□□□□Moniz □□□□□□□□□□□□□□□□ leukotomy □□□□□□□https://www.nobelprize.org/prizes/medicine/1949/moniz/article/, First published 29 October 1998□

Moniz □□□□□□□□□□□□□ leukotomy□"for his discovery of the therapeutic value of leucotomy in certain psychoses."□□□ leukotomy □□□□□□□□□ leukotomy □□□https://www.nobelprize.org/prizes/medicine/1949/moniz/biographical/□

□□□□leucotomy □□leucotomy □□ leucotomy □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□ leukotomy □□□“□□□□”□□